**COVERAGE NAME: TOS** 

COVERAGE AREA: Districts, Statewide

COVERAGE DESCRIPTION: TOS is a point coverage representing existing and proposed Traffic Operational Systems in California that are located on the California State Highway System. These systems include Detection Stations (not including Census Stations), Changeable Message Sign, Closed Circuit Television, Highway Advisory Radio, and Roadway Weather Information Systems

#### **USER NOTES:**

The location of TOS systems in this coverage are based on postmiles from a FileMaker Pro database managed by Traffic Operations, Office of System Management Planning. For more information about this data, contact the Caltrans Traffic Operations GIS Coordinator.

The TOS systems in this coverage were placed with dynamic segmentation and are based on the postmiles in the HQ TMS Inventory database. These postmiles reflect the general location of each TOS system element in relation to the mainline.

### VITAL STATISTICS:

Datum: NAD 83
Projection: Albers
Units: Meters

1st Std. Parallel:34 degrees N2nd Std. Parallel:40.5 degrees NLongitude of Origin:-120 degrees WLatitude of Origin:0 degrees N

False Easting: 0

False Northing: -4,000,000

Source: Caltrans HQ Traffic Operations

Source Media:

Source Projection: Source Units:

Source Scale:

Capture Method: Generated from Caltrans county, route, prefix,

postmiles and route alignment.

Conversion Software:

Data Structure: Vector ARC/INFO Coverage Type: Point

ARC/INFO Precision:

ARC/INFO Tolerances:

Frequency of Updates: As needed

Data Updated: July 2002, November 2002 – Dist6

Update Media: Update Method:

Update Software: Arcview 3.2

#### DATA DICTIONARY:

File name: TOS Record length: 109

NOTE: Items common to all point coverages: AREA, PERIMETER, <coverage>#, and <coverage>-ID are not described here.

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
17	TOS_CODE	10	10	C	-
27	DIST	2	2	I	-
29	CO	3	3	C	-
32	RTE	3	3	I	-
35	PM	9	9	C	-
44	DIR	2	2	C	-
46	LOC	40	40	C	-
86	EXIST	1	1	I	-
87	TOS_TYPE	2	2	I	-
89	TOS_DESC	5	5	C	-
94	TURNON	8	8	D	-
102	EA	6	6	C	-
108	FUNDED	1	1	I	-

#### ITEM DESCRIPTIONS:

TOS\_CODE Unique identifier

DIST: District

CO: County abbreviation

RTE: Legislative route number (TASAS postmile route number)

PM: Postmile

DIR Direction

LOC: Location Description

EXIST: 0 = No (proposed)

1 = Yes (equipment installed)

TOS TYPE: Type of TOS element

1 = Mainline Detection Station associated with a ramp meter (meter)

2 = Mainline Detection Station (tms - does not include census stations)

3 = Changeable Message Sign or Extinguishable Message Sign

4 = Closed Circuit Television

5 = Highway Advisory Radio

6 = Roadway Weather Information Systems Or Visibility Sensor

TOS DESC Abbreviation descriptions

Meter

TMS

**CMS** 

**EMS** 

**CCTV** 

HAR

**RWIS** 

VS

TURNON: Date of turn on (if available)

EA Expenditure Authorization

FUNDED Programmed Project (in CTC approved funding document,

such as SHOPP)

0 = No

1 = Yes

# RELATIONAL DATA DESCRIPTION:

Currently there are no data relationships established.

### DATABASE RELATION:

Currently there are no database relationships established.

# DATA QUALITY ASSESSMENT: